STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING AMENDED REPORT DIVISION OF OIL, GAS AND MINING												
APPLICATION FOR PERMIT TO DRILL								1. WELL NAME and NUMBER CWU 1013-21				
2. TYPE OF WORK DRILL NEW WELL (REENTER P&A WELL DEEPEN WELD WELL DEEPEN WELL DEEPEN WELL DEEPEN WELL DEEPEN WELL DEEPEN WEL								3. FIELD OR WILDCAT NATURAL BUTTES				
4. TYPE (OF WELL	DIVIDENCE			ed Methane Well: NO	***************************************		5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME	OF OPERATO	R	Gas Well					7. OPERATOR PHONE				
EOG Resources, Inc. 8. ADDRESS OF OPERATOR								435 781-9111 9. OPERATOR E-MAIL				
	RAL LEASE NU		1060 East H	ighway 40	, Vernal, UT, 84078 11. MINERAL OWNERSH	HIP		kaylene_gardner@eogresources.com 12. SURFACE OWNERSHIP				
(FEDERA	L, INDIAN, OR	STATE) UTU0284A			FEDERAL INDI	AN STATE (FEE ()	FEDERAL INI	DIAN 📵	STATE) FE	E 🔵
13. NAM	E OF SURFAC	E OWNER (if box	12 = 'fee')					14. SURFACE OWNER	R PHONE (i	f box 12 =	'fee')	
15. ADDI	RESS OF SURF	ACE OWNER (if I	oox 12 = 'fee')					16. SURFACE OWNER	R E-MAIL (i	if box 12 :	= 'fee')	
	N ALLOTTEE 2 = 'INDIAN')	OR TRIBE NAME			18. INTEND TO COMMI		N FROM	19. SLANT				
(II BOX I	Z = INDIAN)	Ute Indian Tribe			YES (Submit Co	ommingling Applicat	ion) NO 📵	VERTICAL (🗓 DIF	RECTIONAL	. 🔵 но	RIZONT	AL 🔵
20. LOC	ATION OF WE	LL		FO	OTAGES	QTR-QTR	SECTION	TOWNSHIP	RAN	IGE	ME	RIDIAN
LOCATI	ON AT SURFA	CE		1902 FI	NL 597 FEL	SENE	21	9.0 S	22.0) E		S
Top of	Uppermost Pro	oducing Zone		1902 FI	NL 597 FEL	SENE	21	9.0 S 22.0		Ε		S
At Tota	l Depth			1902 FI	NL 597 FEL	SENE	21	9.0 S) E		S
21. COU	NTY	UINTAH			22. DISTANCE TO NEAR	REST LEASE LINE (I 597	Feet)	23. NUMBER OF ACRES IN DRILLING UNIT 1240				
					25. DISTANCE TO NEAR (Applied For Drilling o		E POOL	26. PROPOSED DEPTH MD: 9580 TVD: 9580				
27. ELEV	ATION - GROU	JND LEVEL			28. BOND NUMBER			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE				
		4834				NM2308			49-22			
String	Hole Size	Casing Size	Length	Weight	-	and Cement Info	ormation	Coment		Sacks	Yield	Weight
Surf	12.25	9.625	0 - 2250	36.0	K-55 ST&C	0.0				135	4.1	10.5
								Type V		135	1.18	15.6
Prod	7.875	4.5	0 - 9850	11.6	M-80 LT&C	10.5	Halliburton	Premium , Type Un 50/50 Poz	known	320 820	1.61	12.5 13.5
								30/30 1 02		020	1.47	10.0
					AI	TACHMENTS						
	VE	RIFY THE FOL	LOWING AR	E ATTAC	CHED IN ACCORDANG	CE WITH THE UT	AH OIL AND GAS	CONSERVATION G	ENERAL	RULES		
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						✓ CON	COMPLETE DRILLING PLAN					
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						FOR	FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) TOPOGRAPHICAL MAP												
NAME Mickenzie Gates TITLE Operations Clerk						PHONE 435 781-9145						
SIGNATURE DATE 0					TE 02/16/2012		EMAIL mickenzie_	gates@eogresources.co	om			
API NUMBER ASSIGNED APPROVA					PROVAL		Bacquill					
							Permi	t Manager				

DRILLING PLAN

CHAPITA WELLS UNIT 1013-21 SE/NE, SEC. 21, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1471		Shale	
Birdsnest	1696		Dolomite	
Mahogany Oil Shale Bed	2286		Shale	
Wasatch	4707		Sandstone	
Chapita Wells	5319		Sandstone	
Buck Canyon	5996		Sandstone	
North Horn	6624		Sandstone	
KMV Price River	7218	Primary	Sandstone	Gas
KMV Price River Middle	8068	Primary	Sandstone	Gas
KMV Price River Lower	8856	Primary	Sandstone	Gas
Sego	9380		Sandstone	
TD	9580			

Estimated TD: 9,580' or 200'± below TD

Anticipated BHP: 5,231 psi

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about \pm 1471 ft.
- 2. Cement to be installed to surface of the well isolating all zones.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole - 5000 psi

BOP schematic diagrams attached.

4. CASING PROGRAM:

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Collapse Rating	Burst Rating	Tensile Rating
Conductor	20"	0 – 60'	14"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	0 - 2250' KB±	9-%"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 PSI	233,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/4" as shown to that depth. Drilled depth may be shallower or deeper than the 2250' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

DRILLING PLAN

CHAPITA WELLS UNIT 1013-21 SE/NE, SEC. 21, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole (0'- 2250'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 in middle of shoe joint, then top of every joint for next 7 joints. (8 total)

Production Hole (2250'± - TD):

Float shoe, 1 joint of casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. 1 turbulizer to be placed 5' above shoe on joint #1 and on the middle of joints #2 & #3. Conventional bow-spring centralizer on top of joint #4, then every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

MUD PROGRAM

Surface Hole (Surface - 2250'±):

Air/Air mist/Aerated water* (*A standby water source will be available at all times to act as a kill medium when conducting air drilling operations)

or

A closed-loop system utilizing a gelled bentonite mud will be employed. LCM sweeps, additions, etc. will be used as necessary.

Production Hole (2250'± - TD):

Anticipated mud weight 9.5-10.5~ppg depending on actual wellbore conditions encountered while drilling.

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15 cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

DRILLING PLAN

CHAPITA WELLS UNIT 1013-21 SE/NE, SEC. 21, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- o EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- o EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement Bond / Casing Collar Locator and Pulsed Neutron

DRILLING PLAN

CHAPITA WELLS UNIT 1013-21 SE/NE, SEC. 21, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole (Surface - 2250'±):

Lead: Lead volume to be calculated to bring cement from 500' above casing shoe to surface. Lead cement will be:

135 sx. HES VariCem (Type III) + 2% Cal-Seal (Thixotropic Additive) + 0.3% Versaset (Thixotropic Additive) + 2% Econolite (Light Weight Additive), mixed at 10.5 ppg, 4.10 cfps, 26.88 gps fresh water

Tail: Tail volume to be calculated to bring cement 500' above casing shoe. Tail cement will be:

135 sx. HES HalCem (Type V) + 2% CaCl₂ (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

Top Out: As necessary with:

HES HalCem (Type V) + 2% CaCl₂ (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

Note: The above number of sacks are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 70% excess on the lead slurry and gauge hole plus 100% excess on the tail slurry.

Production Hole (2250'± - TD)

Lead: Lead volume to be calculated to bring cement from 400' above top of Wasatch Formation to 200'± above 9 5/8" surface casing shoe. For improved mud displacement, lead slurry weight will be a minimum of 0.5 ppg over mud weight utilized at well TD and vary from 11.0 – 13.0 ppg.

If lead slurry weight required is 11.0 ppg - 12.5 ppg, cement will be:

HES Highbond 75 (75/25 Poz/G) + 6% Bentonite (Extender) + 0.3% Versaset (Thixotropic Additive) + 2% Microbond (Expansion Additive)

Calculated sacks with corresponding mixed slurry weights, yields and water requirements for above cement will be as follows:

- 205 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water
- 245 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water
- 285 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water
- 320 sx. if 12.5 ppg, 1.61 cfps, 8.17 gps fresh water

If lead slurry weight required is 13.0 ppg, cement will be:

315 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive), mixed at 13.0 ppg, 1.63 cfps, 8.16 gps fresh water

Tail: Tail volume to be calculated to bring cement from TD to 400' above top of Wasatch Formation. Tail cement will be:

820 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive), mixed at 13.5 ppg, 1.47 cfps, 6.98 gps fresh water

Note: The above number of sacks in all cases are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 50% excess on the lead slurry and gauge hole plus 70% excess on the tail slurry.

DRILLING PLAN

CHAPITA WELLS UNIT 1013-21 SE/NE, SEC. 21, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2250'±):

Lost circulation

Production Hole (2250'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

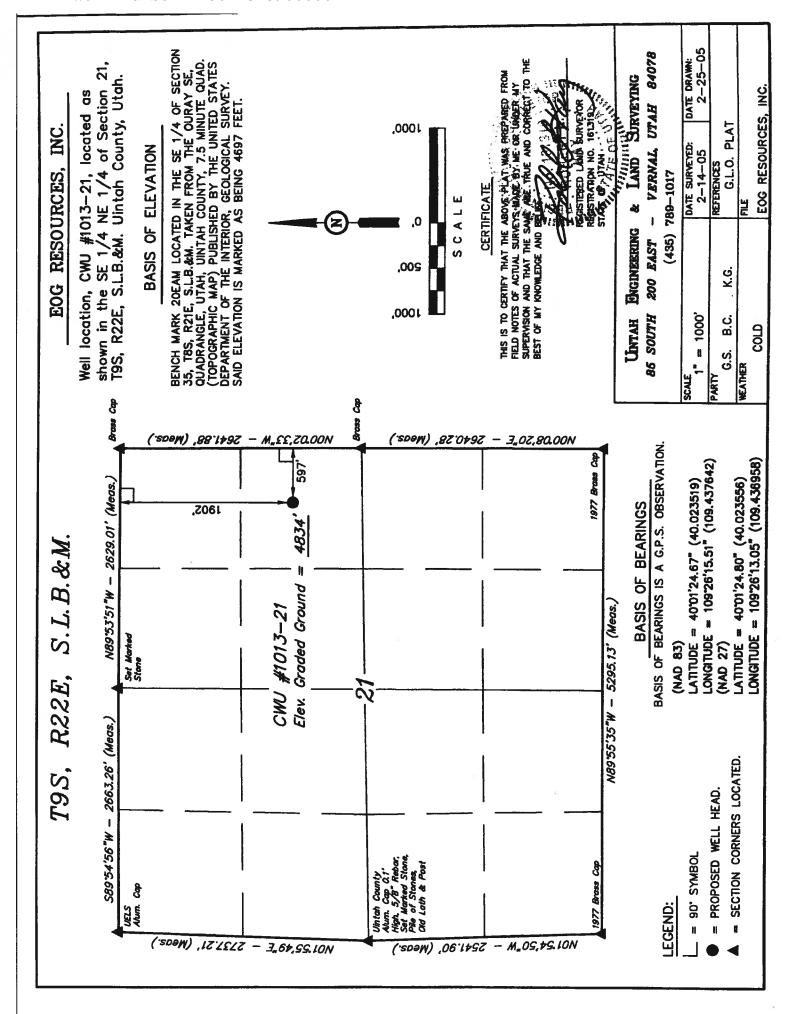
12. HAZARDOUS CHEMICALS:

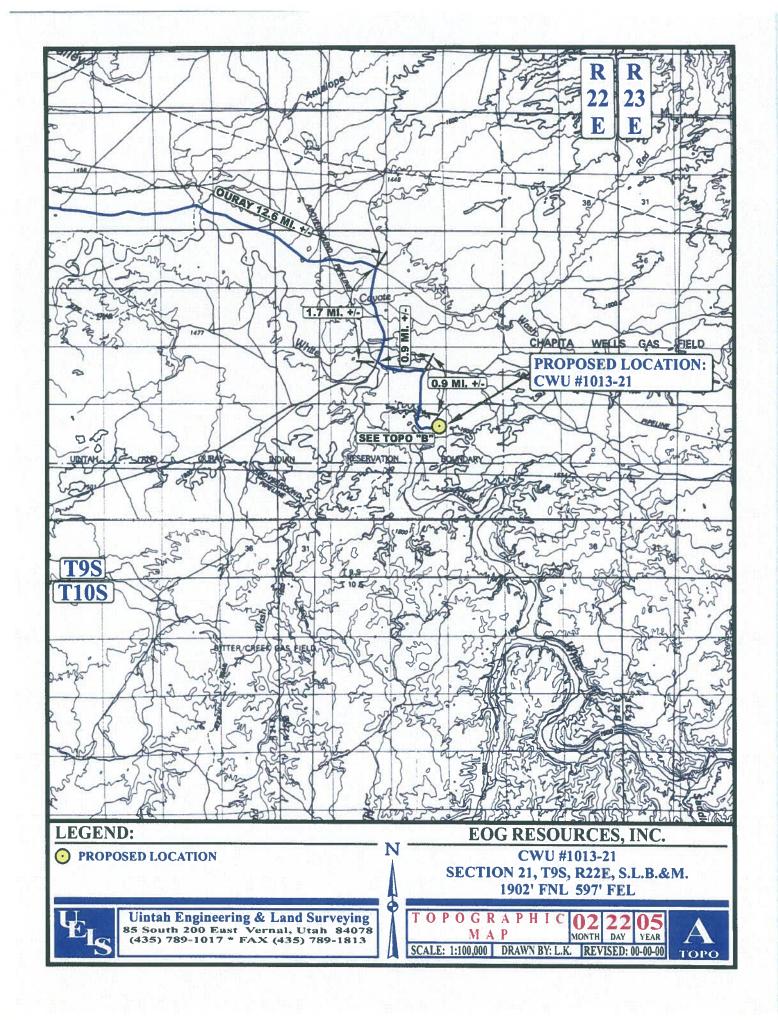
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

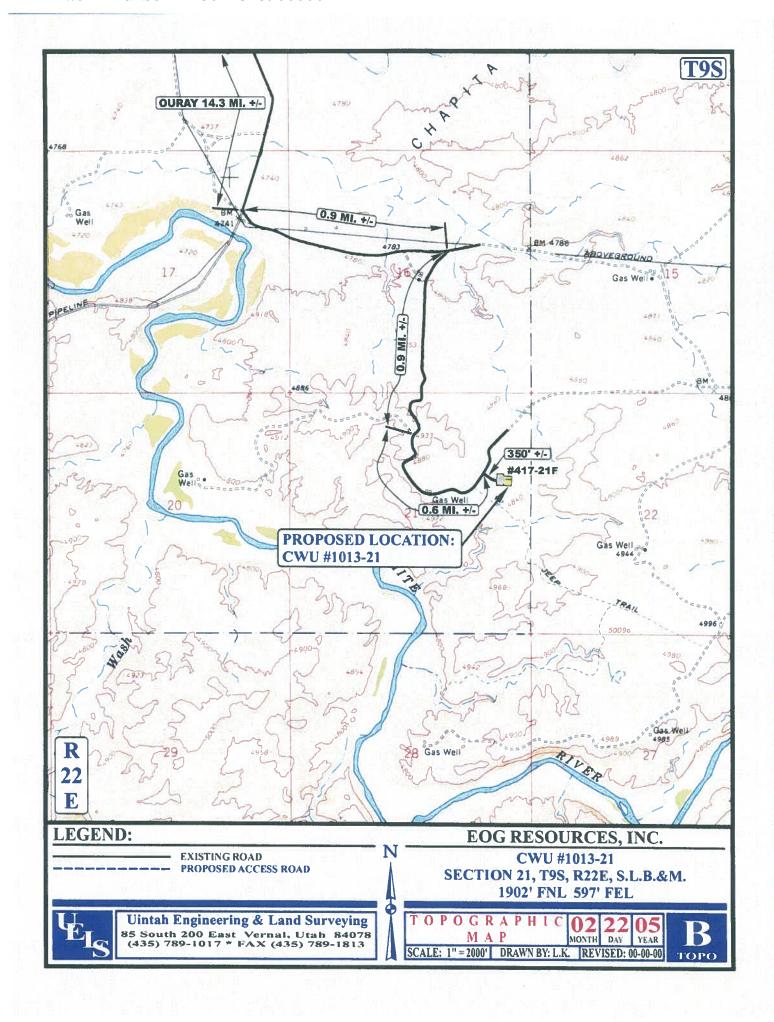
13. Air Drilling Operations:

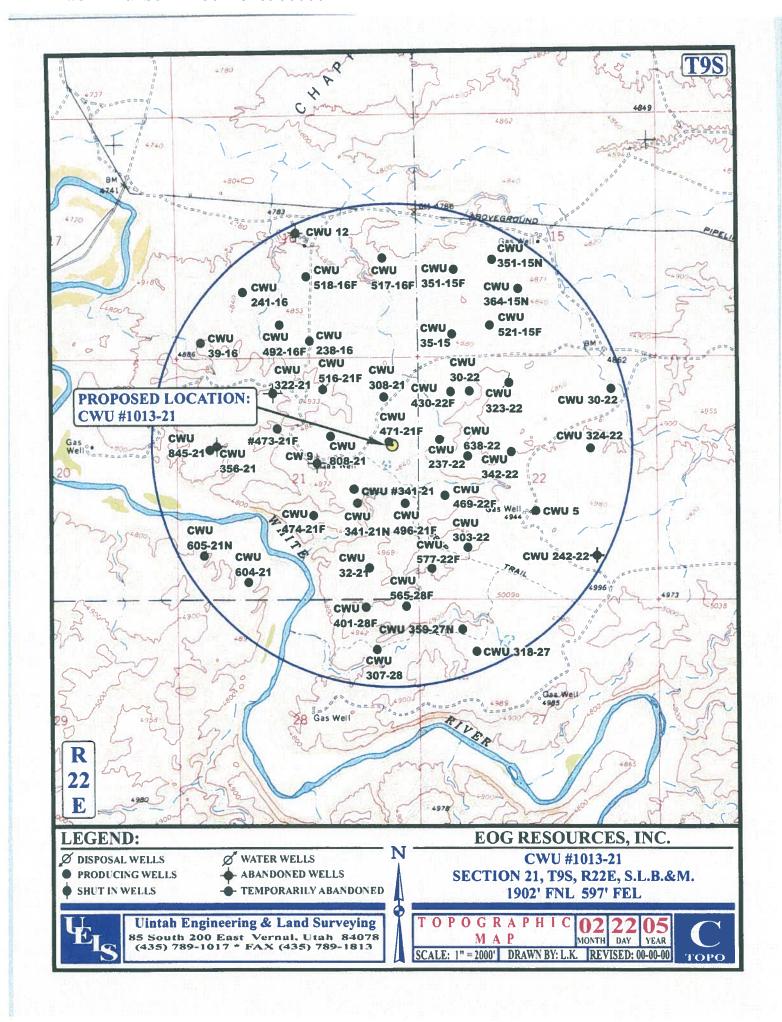
- Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)











Chapita Wells Unit 1013-21 SENE, Section 21, T9S, R22E Uintah County, Utah

SURFACE USE PLAN

The well pad is approximately 475 feet long with a 366-foot width, with the area of maximum disturbance containing 3.991 acres more or less. The existing access road for Chapita Wells Unit 471-21F (CWU 471-21F) will be used to access the proposed twin location. The pipeline will tie-in on the existing well pad for CWU 471-21F. New surface disturbance will be required for the pad.

1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 47.7 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. A new access road will not be required. Existing access road, ROW # H62-98-105, for Chapita Wells Unit 471-21F will be used to access the proposed location. See attached Topo B.
- B. No bridges, or major cuts and fills will be required.
- C. No gates, cattleguards, or fences will be required or encountered.
- D. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards

for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 30-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

- Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl and/or one (1) 300-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.

- 3. The proposed pipeline will be tied in on to the existing pad. No new surface disturbance will be required. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (Including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

- 1. Cuttings will be confined and dried within the cuttings pit. Dried cuttings shall be spread on the access road and well pad.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.

- 4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2, 3, or 4, or White River Evaporation Ponds 1 or 2, or Hoss SWD Facility, right-of-way UTU 86010, UTU 897093 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilling utilizing a closed loop system. The closed loop system will be installed in a manner that preventing leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The drill cuttings area will be bermed and lined with bentonite. Drill cuttings will be dried and spread on location, containment berms and/or the authorized access road.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. Ancillary Facilities:

An H2S treater may be installed onsite if deemed necessary. No new surface disturbance will occur.

9. WELL SITE LAYOUT:

- Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The proposed location will be drilled utilizing a closed loop system.

The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protect of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture, as per EOGs authorized reclamation plan, from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the west.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The portion of the location not needed for production facilities/operations will be reclaimed – See attached Figure #3. The closed loop system will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow.

The stockpiled topsoil will then be spread over the reclamation area and broadcast seeded with the prescribed seed mixture for this location as authorized within EOG's reclamation plan.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Ute Indian Tribe

12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
 - Whether the materials appear eligible for the National Register of Historic Places;
 - The mitigation measures the operator will likely have to undertake before the site can be used.
 - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will

be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.

- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants on September 6, 2005, State of Utah Antiquities Project Survey Report No. U-05-MQ-1012i.245. A paleontological survey was conducted and submitted by Intermountain Paleo Consultants on March 15, 2006 Report No. IPC # 10-193. A biological survey was conducted and submitted on February 2, 2010by Grasslands Report No. EOG-318. Special Status Plant Species survey was conducted and submitted by Grasslands Consulting, Inc. Report No. GCI #218 EOG-56.

Firearms are prohibited (to all Non-Ute members). This land is owned by the Uintah and Ouray Indian Reservation. Permits to cut firewood must be obtained from a B.I.A Forestry Section prior to cutting or gathering any wood along this road.

In accordance to the onsite conducted on 11/1/2011 a diversion ditch will be constructed around the north side of pad,

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Mickenzie Gates EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9145

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact an authorized office with the Ute Indian Tribe forty-eight (48) hours prior to construction activities at (435) 725-4950.

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filling of a false statement.

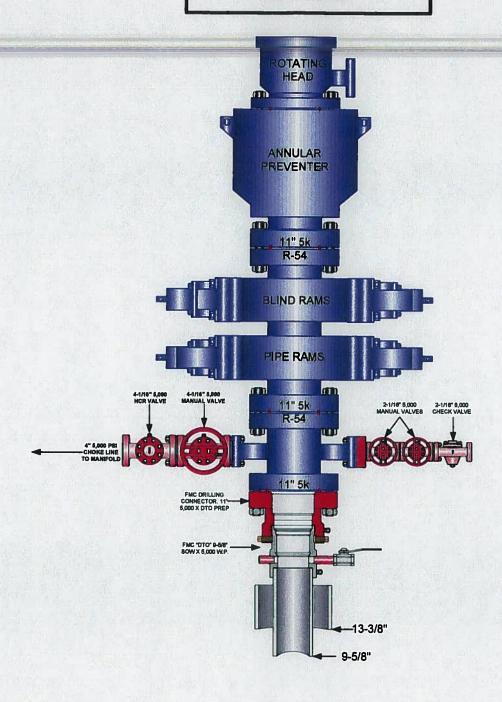
Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1013-21, located in the SENE, of Section 21, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

111712012

Mickenzie Gates, Regulatory Assistant

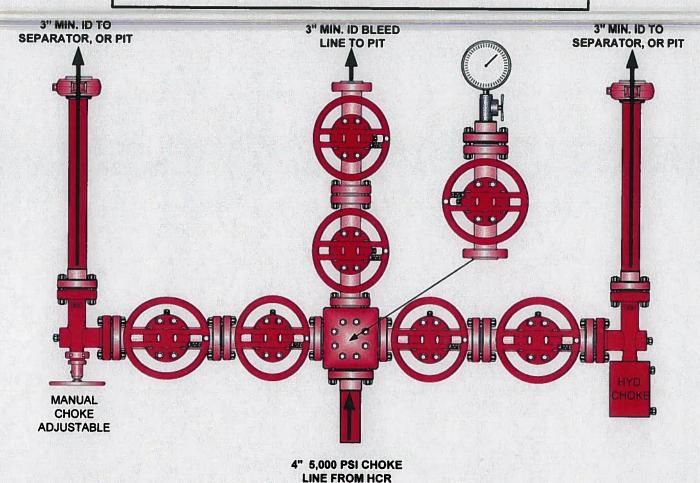
EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

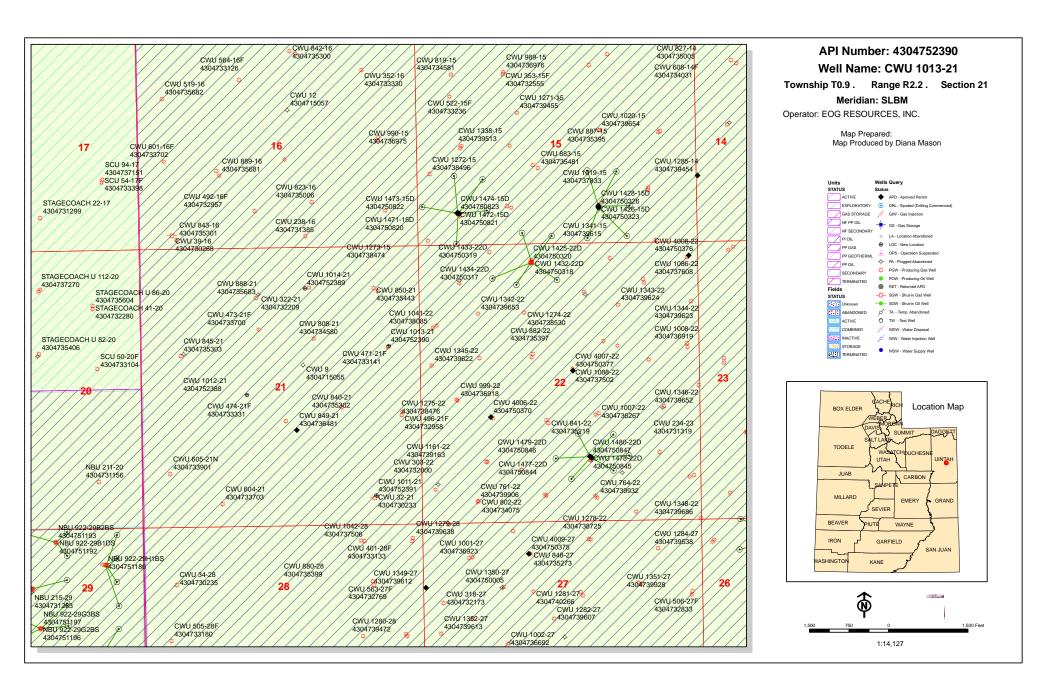
PAGE 2 0F 2



VALVE

Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

February 17, 2012

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Chapita Wells Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ MESA VERDE)

43-047-52388 CWU 1012-21 Sec 21 T09S R22E 2493 FSL 1986 FWL 43-047-52389 CWU 1014-21 Sec 21 T09S R22E 0785 FNL 2170 FEL 43-047-52390 CWU 1013-21 Sec 21 T09S R22E 1902 FNL 0597 FEL 43-047-52391 CWU 1011-21 Sec 21 T09S R22E 0545 FSL 0868 FEL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L Coulthard

Distribution of Micrael L Coulthard, o-Bureau of Land

Management, ou-Blanch of Minerals,
email-Michael Coulthardebungov, c-US

Date: 2012.02.17 13:50:38-0700

bcc: File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:2-17-12

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 2/16/2012 API NO. ASSIGNED: 43047523900000

WELL NAME: CWU 1013-21

OPERATOR: EOG Resources, Inc. (N9550) PHONE NUMBER: 435 781-9145

CONTACT: Mickenzie Gates

PROPOSED LOCATION: SENE 21 090S 220E Permit Tech Review:

> **SURFACE**: 1902 FNL 0597 FEL **Engineering Review:**

> BOTTOM: 1902 FNL 0597 FEL Geology Review:

COUNTY: UINTAH

LATITUDE: 40.02356 LONGITUDE: -109.43763 UTM SURF EASTINGS: 633320.00 NORTHINGS: 4431541.00

FIELD NAME: NATURAL BUTTES

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU0284A PROPOSED PRODUCING FORMATION(S): MESA VERDE SURFACE OWNER: 2 - Indian **COALBED METHANE: NO**

RECEIVED AND/OR REVIEWED: LOCATION AND SITING:

✓ PLAT R649-2-3.

Unit: CHAPITA WELLS Bond: FEDERAL - NM2308

Potash R649-3-2. General

✓ Oil Shale 190-5

Oil Shale 190-3 R649-3-3. Exception

Oil Shale 190-13 **Drilling Unit**

Board Cause No: Cause 179-8 Water Permit: 49-225

Effective Date: 8/10/1999 **RDCC Review:**

Siting: Suspends General Siting Fee Surface Agreement

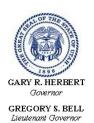
Intent to Commingle R649-3-11. Directional Drill

Commingling Approved

Comments: Presite Completed

4 - Federal Approval - dmason 17 - Oil Shale 190-5(b) - dmason Stipulations:

API Well No: 43047523900000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: CWU 1013-21 API Well Number: 43047523900000

Lease Number: UTU0284A Surface Owner: INDIAN Approval Date: 2/29/2012

Issued to:

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-8. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well contact Carol Daniels at 801-538-5284

API Well No: 43047523900000

(please leave a voicemail message if not available) OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
 - Report of Water Encountered (Form 7) due within 30 days after completion
 - Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas Sundry Number: 34227 API Well Number: 43047523900000

	STATE OF UTAH			FORM 9			
ı	DEPARTMENT OF NATURAL RESC DIVISION OF OIL, GAS, AND		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0284A				
SUNDR	RY NOTICES AND REPOR	TS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In			
	oposals to drill new wells, significa reenter plugged wells, or to drill ho n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS			
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1013-21			
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43047523900000			
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	O N , Denver, CO, 80202		NE NUMBER: 5 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1902 FNL 0597 FEL				COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SENE Section: 2	HIP, RANGE, MERIDIAN: 1 Township: 09.0S Range: 22.0E M	/leridian: S	1	STATE: UTAH			
11. CHECI	K APPROPRIATE BOXES TO IND	ICATE NA	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA			
TYPE OF SUBMISSION			TYPE OF ACTION				
~	ACIDIZE		LTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING	CHANGE WELL NAME			
1/29/2013	CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT	DEEPEN	☐ FI	RACTURE TREAT	NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE		LUG AND ABANDON	PLUG BACK			
	PRODUCTION START OR RESUME	_	ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:							
	REPERFORATE CURRENT FORMATION		IDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	TUBING REPAIR		ENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	WATER SHUTOFF		I TA STATUS EXTENSION	✓ APD EXTENSION			
	WILDCAT WELL DETERMINATION	□ •	THER	OTHER:			
	COMPLETED OPERATIONS. Clearly since respectfully requests to well be extended for on-	he APD		Approved by the Utah Division of Oil, Gas and Mining Date: February 19, 2013			
				By:			
NAME (PLEASE PRINT)	PHONE N	UMBER	TITLE				
Vail Nazzaro	303 824-5590	- ···· - - ···	Sr. Regulatory Assistant				
SIGNATURE N/A			DATE 1/29/2013				

Sundry Number: 34227 API Well Number: 43047523900000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047523900000

API: 43047523900000 Well Name: CWU 1013-21

Location: 1902 FNL 0597 FEL QTR SENE SEC 21 TWNP 090S RNG 220E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 2/29/2012

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No
nature: Vail Nazzaro Date: 1/29/2013

Sig

Title: Sr. Regulatory Assistant Representing: EOG RESOURCES, INC.

Sundry Number: 46625 API Well Number: 43047523900000

			FORM 9			
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0284A					
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In					
	oposals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS			
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CWU 1013-21					
2. NAME OF OPERATOR: EOG RESOURCES, INC.			9. API NUMBER: 43047523900000			
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	0 N , Denver, CO, 80202	PHONE NUMBER: 435 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1902 FNL 0597 FEL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 21 Township: 09.0S Range: 22.0E Meri	dian: S	STATE: UTAH			
11. CHEC	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
1/7/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	_		TEMPORARY ABANDON			
Jano Sr Spaan	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL				
	TUBING REPAIR		☐ WATER DISPOSAL			
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION			
	WILDCAT WELL DETERMINATION	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show	all pertinent details including dates,	PORT STATE S			
			Approved by the Utah Division of Oil, Gas and Mining			
			Date: January 08, 2014			
			By: Bacquill			
NAME (PLEASE PRINT) Kaylene Gardner	PHONE NUM 435 781-9111	BER TITLE Regulatory Administrator				
SIGNATURE N/A		DATE 1/7/2014				

Sundry Number: 46625 API Well Number: 43047523900000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047523900000

API: 43047523900000 **Well Name:** CWU 1013-21

Location: 1902 FNL 0597 FEL QTR SENE SEC 21 TWNP 090S RNG 220E MER S

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	g u oncomies et come nome relation to me approachen, inner encara se con	
	If located on private land, has the ownership changed, if so, has the surface ag Yes 📵 No	reement been updated? 🔵
	Have any wells been drilled in the vicinity of the proposed well which would af requirements for this location? 🔘 Yes 📵 No	fect the spacing or siting
	Has there been any unit or other agreements put in place that could affect the proposed well? (Yes (No	permitting or operation of this
	Have there been any changes to the access route including ownership, or right proposed location? 🔘 Yes 🍺 No	of- way, which could affect the
• Has	Has the approved source of water for drilling changed? 🧻 Yes 🌘 No	
	Have there been any physical changes to the surface location or access route volans from what was discussed at the onsite evaluation? 🔘 Yes 📵 No	vhich will require a change in
• is b	ls bonding still in place, which covers this proposed well? 🌘 Yes 🔘 No	
Signature:	cure: Kaylene Gardner Date: 1/8/2014	

Title: Descriptors Administrator Depresenting: FOC DECOLIDED INC

Title: Regulatory Administrator Representing: EOG RESOURCES, INC.



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 9, 2015

EOG Resources, Inc. 600 17th Street, Suite 1000 N. Denver, CO 80202

Re:

APDs Rescinded EOG Resources, Inc., Uintah County

Ladies and Gentlemen:

Enclosed find the list of APDs that is being rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded as of April 9, 2015.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc:

Well File

Bureau of Land Management, Vernal



- 43-047-50272 CWU 1417-33
- 43-047-50255 CWU 1435-19
- 43-047-50256 CWU 739-33
- 43-047-50257 CWU 738-33
- 43-047-50276 CWU 1420-34
- 43-047-40508 E CHAPITA 112-05
- 43-047-40509 E CHAPITA 110-05
- 43-047-50278 CWU 1436-19
- 43-047-40510 E CHAPPITA 113-05
- 43-047-52390 CWU 1013-21
- 43-047-52392 NORTH CHAPITA 294-28
- 43-047-52393 NORTH CHAPITA 194-33
- 43-047-52388 CWU 1012-21